

Keyword Index – Volumes 65+66

- ABCA-1 (66) 141
 Acetylsalicylic acid (66) 141
 Acidosis (66) 55
 Action potential prolongation (65) 397
 Adenosine (65) 803, (66) 245
 Adenosine receptors (66) 245
 Adenovirus (65) 177
 Adenylyl cyclase (66) 503
 Adipose tissue (65) 328
 Adrenergic agonist (65) 187
 Adrenergic agonists (65) 230
 Adrenergic (ant)agonists (65) 28
 β -Adrenoceptor (66) 512
 Adrenoceptors (66) 256
 Adrenomedullin (66) 104
 Adventitia (65) 478
 Aging (66) 194, (66) 205, (66) 213, (66) 222, (66) 233, (66) 245, (66) 295,
 (66) 307, (66) 318, (66) 353, (66) 364, (66) 374, (66) 393
 Allograft vasculopathy (65) 283
 All-*trans* retinoic acid (65) 743
 Alpha 1 adrenergic receptors (65) 436
 Angiogenesis (65) 64, (65) 513, (65) 550, (65) 574, (65) 587, (65) 599, (65)
 639, (65) 649, (65) 656, (65) 728, (66) 45, (66) 543
 Angiotensin (65) 73
 Angiotensin II (65) 374, (65) 478, (66) 503
 Animal model (65) 469
 Annexin (65) 793
 Atherogenesis (65) 587
 Antibiotics (65) 317
 Aortic allograft (65) 283
 AP-1 (65) 719
 Apelin (65) 73, (65) 743
 APJ (65) 73, (65) 743
 Apoptosis (65) 535, (66) 179, (66) 543
 β -Arrestins (66) 512
 Arrhythmia (65) 128, (66) 64
 Arrhythmia (mechanisms) (65) 104, (65) 138, (66) 353
 Arterial thrombosis (65) 907
 Arterial-venous differentiation (65) 619
 arteries (66) 162
 Arteries (65) 387, (65) 711, (65) 813, (65) 913, (66) 307
 Arteriogenesis (65) 619, (65) 574, (65) 649
 ASIC3 (65) 405
 Aspirin (66) 141
 AT₂ receptors (65) 478
 Atrial function (65) 221
 Atherosclerosis (66) 162
 Atherosclerosis (65) 272, (65) 317, (65) 524, (65) 574, (65) 609, (65) 665,
 (66) 179, (66) 213, (66) 286, (66) 433, (66) 574, (66) 583, (66) 601
 Atrial natriuretic peptide (66) 94
 Autonomic nervous system (65) 889, (65) 930, (66) 345
 Baicalein (65) 244
 Baroreflex (65) 930
 Beta1-adrenoreceptor (66) 530
 Bioapatite (66) 324
 Biomineralization (66) 324
 Blood vessels (65) 629
 BMP-4 (66) 482
 Bone marrow (65) 334, (66) 482
 Bradykinin receptor (65) 405
 Ca²⁺-activated Cl⁻ channels (65) 505
 Ca (cellular) (65) 28
 Ca-channel (65) 28
 Ca²⁺ handling (65) 793
 Calcification (66) 307
 Calcium (65) 177, (66) 123
 Calcium (cellular) (65) 83
 Calcium channel blocker (65) 879
 Calcium-activated potassium channel (65) 751
 Calcium sensitivity (65) 211
 Caloric restriction (66) 205
 CaMKII (66) 114
 Cancer (65) 581
 Candesartan (65) 356
 Capillaries (65) 656
 Carbon monoxide (65) 751
 Cardiac allograft vasculopathy (66) 433
 Cardiac cell therapy (65) 305
 Cardiac contractility (65) 211
 Cardiac fibrosis (65) 782
 Cardiac hypertrophy (65) 832
 Cardiac imaging (65) 195
 Cardiac myocyte (66) 482
 Cardiac myosin binding protein C (66) 33
 Cardiac remodeling (66) 520
 Cardiac transplantation (65) 283
 Cardiomyocytes (65) 334, (66) 123, (66) 462
 Cardiomyopathy (65) 366, (65) 411, (66) 454
 Cardiotrophin-1 (65) 782
 Cardioprotection (65) 244, (66) 245, (66) 462
 Cardiovascular disease (65) 587, (66) 295
 Cardiovascular diseases (65) 317
 Cardiovascular risk factors (65) 574
 Cardiovascular surgery (65) 737
 Catalase (65) 254
 CD8⁺ T lymphocytes (65) 283
 CD36 (66) 141
 Cell culture (65) 813
 Cell cycle (66) 433
 Cell differentiation (65) 813
 Cell signaling (65) 587

- Cell therapy (65) 52, (65) 64, (66) 45, (66) 543
 Cellular Signalling (66) 245
 cGMP (65) 203, (66) 123
 CGRP release (65) 405
Chlamydia pneumoniae (65) 317
Chlamydia psittaci strain TWAR (65) 317
Chlamydomonas pneumoniae (65) 317
 Cholesterol (66) 594
 Chronic hypoxia (65) 751, (66) 132
 Chronic rejection (65) 283
 C-kit (66) 482
 Clinical trial (65) 649
 eNOS (65) 907
 Collateral arteries (65) 656
 Collateral artery (65) 513
 Collateral circulation (65) 574
 Congestive heart failure (66) 472
 Connective tissue (65) 40
 Connexins (66) 64
 Contractile apparatus (65) 221
 Contractile function (65) 861, (65) 869, (66) 114, (66) 318
 Contraction (66) 402
 COPD (65) 505
 Cord blood (66) 45
 Coronary circulation (65) 889, (66) 55, (66) 374
 Coronary disease (65) 737, (66) 265
 Coronary flow (66) 334
 CRF receptor (65) 913
 Cyclooxygenase (65) 345, (65) 683
 Cytokine (66) 104
 cytokines (66) 162
 Cytokines (65) 239, (65) 446, (65) 674, (66) 179, (66) 265, (66) 364, (66) 520, (66) 583
 Cytokines (MIF) (65) 272
 Cytoskeleton (65) 411

 Decorin (65) 702
 Developmental biology (65) 619, (65) 711, (65) 842
 Diabetes (65) 374, (65) 694, (66) 213, (66) 307
 Dystrophin (65) 356

 ECG (65) 104
 Echocardiography (66) 552
 Elastocalcinosis (66) 307
 Electrophysiology (66) 482
 Endothelial (65) 823
 Endothelial cells (65) 263
 Endothelial factors (65) 487, (65) 665
 Endothelial function (65) 683, (65) 897, (66) 170, (66) 374
 Endothelial nitric oxide synthase (65) 254, (66) 444
 Endothelial progenitor cells (65) 328
 Endothelial receptors (65) 550, (65) 619, (65) 665
 Endothelins (66) 307, (66) 374, (66) 393
 Endothelium (66) 384, (66) 562, (66) 574
 Energy metabolism (65) 419, (66) 132
 eNOS (65) 719, (66) 384
 Epidemiology (66) 265
 Epinephrine (66) 256
 Estrogen (66) 295
 ET_A and ET_B receptors (66) 384
 Exercise (65) 254
 Experimental (65) 356
 Extracellular matrix (65) 694, (65) 737, (65) 921, (66) 307, (66) 410

 Fibroblasts (65) 782
 Fibrosis (65) 446, (65) 694, (65) 921, (66) 104

 Flk-1 (65) 328
 Foxc2 (65) 711

 Gap junction (65) 40
 Gap junctions (66) 64
 Gene array analysis (66) 194
 Gene delivery (65) 656
 Gene expression (65) 117, (65) 187, (65) 195, (65) 366, (65) 609, (65) 711, (65) 842, (65) 879, (66) 194
 Gene therapy (65) 195, (65) 728, (65) 823
 Gene transfer (66) 318
 Glucose (66) 562
 G-protein (66) 503
 G-proteins (65) 28
 Granzyme (65) 283
 Growth factors (65) 446, (65) 550, (65) 574, (65) 619, (65) 639, (65) 649, (65) 665, (65) 674, (65) 694

 Halothane (65) 167
 Healing (66) 22
 Heart (65) 40, (65) 356, (65) 405, (65) 793
 Heart failure (65) 52, (65) 73, (65) 83, (65) 158, (65) 187, (65) 203, (65) 221, (65) 305, (65) 334, (65) 356, (65) 411, (65) 457, (65) 711, (65) 782, (65) 869, (65) 879, (65) 889, (66) 94, (66) 104, (66) 194, (66) 444, (66) 512, (66) 520
 Heart rate (66) 334
 Heme, oxygenase-1 (65) 203
 Hemodynamics (65) 52, (65) 619, (66) 318, (66) 454
 Hereditary Haemorrhagic Telangiectasia (65) 599
 HIF (65) 564
 Hormone therapy (66) 295
 5-HT₄ receptor (65) 869
 Hydrogen peroxide (65) 244, (65) 254
 Hypercapnia (65) 505, (66) 55
 Hypercholesterolemia (65) 524
 Hypertension (65) 743, (65) 921, (66) 170, (66) 213, (66) 345, (66) 594
 Hypertriglyceridemia (65) 524
 Hypertrophic cardiomyopathy (66) 33
 Hypertrophy (65) 419, (65) 879, (66) 104, (66) 334
 Hypoxia (65) 244, (66) 64
 Hypoxia/anoxia (65) 861
 Human atrial fibrillation (66) 493
 Human heart (65) 211

 Immune response (66) 276
 Immunity (66) 433
 immunology (66) 162
 In vitro (65) 702
 Infarction (65) 52, (65) 305, (65) 345, (65) 446, (66) 45, (66) 364, (66) 552
 Infection/inflammation (65) 683, (66) 265
 Inflammation (65) 772, (66) 22, (66) 552, (66) 583
 Inotropic agents (65) 861
 Interferon (66) 433
 Interferon- γ (65) 263
 Interferon-gamma (65) 283
 Interleukin 1-beta (66) 104
 Intimal hyperplasia (66) 574
 Ion channel (65) 842
 Ion channels (65) 104, (65) 117, (65) 387, (65) 851, (66) 74, (66) 472
 Ion pumps (65) 93
 IRF-1 (66) 433
 IP₁₀ (65) 263
 Ischaemia (65) 158
 Ischemia (65) 64, (65) 239, (65) 405, (65) 436, (65) 457, (65) 639, (65) 772, (66) 222, (66) 245, (66) 530
 Ischemia/reperfusion (65) 428
 Ischemia-reperfusion (66) 233

- Ischemia-reperfusion injury (66) 462
 Ischemic preconditioning (65) 436
- K⁺ channel (65) 128
 K⁺ current (65) 148
 K⁺ATP channel (66) 55
 K-channel (65) 851
 K-channels (65) 387, (65) 913
 Kv1.5 (65) 148
- L-165041 (65) 832
 Left ventricular hypertrophy (66) 444
 Lipase (66) 594
 Lipid (66) 594
 Lipid metabolism (66) 454
 Lipoprotein (66) 594
 Lipoprotein lipase (65) 524
 Lipoproteins (65) 665, (65) 897, (66) 74
 Long QT syndrome (65) 138, (65) 397
 L-type calcium channel (65) 374
 Lymphangiogenesis (65) 550
 Lysophosphatidylcholine (65) 263
- Macrophages (65) 272, (66) 141, (66) 574
 MAP kinase (65) 230, (66) 170
 Mathematical modeling (66) 493
 Matrix metalloproteinase (66) 410
 Matrix metalloproteinase-9 (66) 402
 Matrix metalloproteinases (65) 272, (66) 520
 Matrix remodeling (66) 410
 Membrane currents (65) 138, (65) 851, (66) 74
 Membrane potential (65) 851, (66) 353
 Menopause (66) 295
 Mental stress (66) 256
 Metallothionein (65) 428
 Mice (65) 317
 Microarray (66) 205
 Microcirculation (66) 374, (66) 393, (66) 552
 Mitochondria (65) 411, (65) 803, (66) 132, (66) 222, (66) 233, (66) 562
 MMP (66) 22
 Mouse (66) 205
 Mouse heart (65) 148
 Mouse models (65) 317
 Mouse strain (65) 148
 mRNA stability (65) 263
 Myocardial, Ischemia/reperfusion (65) 719
 Myocardial acidosis (66) 114
 Myocardial contractility (66) 12
 Myocardial infarction (65) 305, (65) 469, (66) 22
 Myocarditis (66) 520
 Myocardium (65) 40
 Myocyte (65) 177
 Myocytes (65) 83, (65) 221, (65) 851, (66) 64
 Myosin light chain kinase (65) 211
- Na channel (65) 138
 Na⁺/Ca²⁺ exchanger (66) 114
 Na/Ca-exchanger (65) 83
 Na-channel (65) 117
 Na⁺-dependent HCO₃⁻ transport (65) 505
 Na/H-exchanger (65) 83
 Na/K pump (65) 93
 Na/K-pump (65) 487
 NADPH oxidase (65) 16, (66) 574
 Natriuresis (66) 94
 Natriuretic peptide receptor-A (66) 94
 Necrosis (66) 179
- Neointima (65) 513, (66) 574
 Neovascularization (65) 639
 Nerve growth factor (66) 256
 Neural (65) 629
 Neurotransmitters (66) 345
 NF- κ B (65) 832
 Nitric oxide (65) 457, (65) 478, (65) 728, (65) 743, (65) 803, (65) 823, (65) 897, (66) 55, (66) 170, (66) 286, (66) 374, (66) 462
 NK₁ (65) 930
 NMR (65) 419
 Noradrenaline (65) 478
 Norepinephrine (66) 256
 Norepinephrine transporter (66) 256
 Nuclear factor- κ B (66) 520
 Nox (65) 16
 Nucleus tractus solitarius (65) 930
- Obesity (66) 276
 Organ and subcellular (65) 356
 Osteopontin (66) 324
 Oxidative phosphorylation (65) 411, (66) 132
 Oxidative stress (65) 254, (66) 286, (66) 562
 Oxygen-derived free radicals (65) 16
 Oxygen radical (65) 230
 Oxygen radicals (65) 239, (65) 897, (66) 74
- p65 (65) 832
 p38 MAPK (65) 203
 p38 MAPK inhibitor (66) 170
 p22phox (65) 16
 Pacemaker current (66) 472
 PAI-1 (66) 276
 Pathophysiology (65) 356
 PDGF (65) 581
 Peptide hormone (65) 921
 Peptide hormones (66) 345
 Perforin (65) 283
 Permeability transition (66) 222
 PGC-1 α (66) 562
 Phospholamban phosphorylation (66) 114
 Phospholipase (66) 594
 Phospholipases (65) 345
 Phosphorylation (66) 12
 Potassium currents (66) 84
 PPAR (66) 141
 PPAR- γ (65) 772
 PPAR- γ agonist (65) 907
 Preconditioning (65) 239, (66) 233, (66) 530
 Pressure-volume hemodynamics (65) 73
 Progenitor (65) 535
 Proliferation (66) 433
 Promoter (65) 564
 Prooxidant (65) 244
 Prostaglandins (65) 345, (65) 683, (66) 141
 Proteasome (66) 33
 Protein kinase A (65) 28, (65) 93
 Protein kinase C (66) 28, (65) 487, (65) 897, (66) 84
 Protein kinase G (65) 28
 Protein kinases (66) 12, (66) 530
 Protein phosphatase (65) 28
 Protein phosphorylation (65) 28, (65) 93
 Protein therapy (65) 649
 Protein tyrosine phosphatase (65) 587
 Pulmonary artery (65) 505, (66) 84
 Pulmonary artery hypertension (65) 751
 Purkinje fibers (65) 117, (65) 842

- RAAS (66) 22
Rabbit hindlimb ischemia (65) 728
Radionuclides (65) 195
Rat (66) 402
Reactive oxygen species (66) 222
receptors (66) 162
Receptors (65) 609, (65) 674, (65) 861, (66) 345
Redox signaling (65) 683
Regeneration (66) 286
Regional blood flow (66) 393
Regional myocardial infarction (65) 772
Remodeling (65) 83, (65) 419, (65) 446, (65) 457, (65) 737, (65) 889, (65) 921, (66) 307, (66) 364, (66) 402, (66) 444, (66) 472, (66) 493, (66) 594
Remodelling (65) 40, (65) 187, (65) 535
Renal diseases (66) 307
Renal function (66) 170
Renin-aldosterone system (66) 94
Reoxygenation (65) 244
Reperfusion (65) 239, (65) 513, (65) 772, (66) 334, (66) 552
Reperfusion injury (66) 123
Repolarization (65) 104, (65) 128, (65) 138, (66) 74
Reporter genes (65) 195
Reprogramming (66) 482
Restenosis (65) 581, (65) 813, (66) 433, (66) 574, (66) 601
Retroinfusion (65) 728
RGS2 protein (66) 503
ROS (66) 233
Rosuvastatin (66) 462
RyR (65) 167

Sarcoglycan (65) 356
Sarcolemma (65) 842
Sarcolipin (65) 117
Sarcoplasmic reticulum (65) 167, (66) 123
Second messengers (65) 28
Senescence (66) 384
SERCA (65) 177
Serotonin (65) 930
Serotonin (5-HT) (65) 869
Shock (65) 772
Siderophages (65) 203
Signal transduction (66) 530
Signal transduction (65) 574, (65) 609, (65) 674, (65) 803, (65) 861, (65) 913
Signals (65) 629
Sinoatrial node (66) 472
Smad (65) 599
Smooth muscle (65) 387, (65) 535, (65) 609, (65) 813, (66) 601
Smooth muscle cell (66) 402
Smooth muscle cells (65) 272, (65) 702, (66) 324
Sodium calcium exchanger (65) 187
Sodium iodide transporter (65) 195
Sp1 (65) 564
Sparks (65) 167
SR-BI (66) 141
SR function (65) 83
STAT3 (65) 428
Statins (65) 345, (66) 462

Statistics (66) 194
Stem cell (65) 334, (66) 482
Stem cells (65) 52, (65) 64, (65) 305
Stents (66) 601
Streptozotocin (65) 374
Stress (66) 276
Stretch (65) 158
Stretch/m-e coupling (65) 487
Sudden death (65) 366
Superoxide (65) 823, (66) 286, (66) 574
Supraventricular arrhythmia (66) 353
Systolic blood pressure (66) 170

Telomerase (66) 213
Telomeres (66) 213
TGF- β (65) 599, (66) 482
Thoracic aorta (65) 374
Thrombomodulin (65) 907
Thromboxane A₂ (66) 84
Tissue inhibitor of metalloproteinase (66) 410
toll like receptors (66) 162
Torsade de pointes (65) 397
Trandolapril (65) 356
Transcription (65) 564
Transgenic animal models (65) 128, (65) 419, (65) 737, (66) 179, (66) 520
Transgenic mouse (65) 436
Transgenic rabbits (65) 524
Transmural dispersion (65) 397
Transplantation (65) 334, (65) 535, (66) 45
Troponin I (66) 12
TRPV1 (65) 405
Tumor necrosis factor- α (66) 520
Tyrosine protein kinase (65) 28
Tyrophostins (65) 581

Ubiquitin (66) 33

Vascular calcification (66) 324
Vascular endothelial function (65) 254
Vascular proliferative diseases (66) 433
Vascular remodeling (66) 276
Vascular smooth muscle (66) 384
Vasoconstriction (65) 387, (66) 393
Vasoconstriction/dilation (65) 487, (65) 913, (66) 55
Vasodilatation (66) 286
VEGF (65) 550, (65) 564, (65) 656
Veins (65) 674
Ventricle (65) 869
Ventricular arrhythmias (65) 158, (65) 366
Ventricular function (65) 221, (65) 305, (65) 889
Ventricular repolarization (65) 148
Ventricular rupture (65) 469
Veratridine (65) 397
VSMC (66) 503

WHHL rabbits (65) 524
Wortmannin (65) 211
Wound healing (65) 782

